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NOV 0 5 2004

| Deliver to: Victor R. Kostak, USPTO | Art Group:2614 |
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| Facsimile No.: 703.872-9306 | Date: November 5, 2004 |
| From: James Henry, Reg. No. 41,064 | 1 Marie Carlos C |
| Our Docket No.: 80398P540 | Number of pages _12_including this sheet. |
| Application No.: <u>10/659,447</u> | Filing Date: 9/9/2003 |
| | Docket Due Date(s): 11/5/2004 |
| Enclosed are the following documents: | • |
| ■ Amendment: <u>Response</u> (_8_pgs) | Issue Fee Transmittal |
| ☐ Appeal Brief (In triplicate) (pgs) | □ Notice of Appeal |
| Application: | Petition for: |
| (pgs) w/cover & abstract) | Request for Continued Examination (RCE) |
| Assignment & Cover Sheet (pgs) | Reply Brief (pgs) |
| ☑ Certificate of Facsimile | ☐ Request & Certification Under 35 USC 122(b)(2)(B)(i) |
| ☐ Continued Prosecution Application (CPA) | ☐ Request to Rescind Previous Nonpublication Request |
| Declaration & POA (pgs) | Response to Notice of Missing Parts & Formalities Letter |
| ☐ Drawings:sheets,figures | Response to Written Opinion (pgs) |
| Extension of Time: | ☐ Terminal Disclaimer |
| □ Fee Transmittal (in duplicate) | ☐ Transmittal of Publication Fee Due |
| ☐ IDS & PTO/SB/08 (pgs) | ▼ Transmittal Letter |
| ☐ Other | |
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CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A)

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office.

Pat Sullivan

Date

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P.2/12

| TO ANIONALTTAL FORM | | Application No. | 10/659,447 | | | | | | |
|--|-----------------------------|------------------------------|---|--|--|--|--|--|--|
| TRANSMITTAL FORM | | | Filing Date | September 9, 2003 | | | | | |
| (to be used for all correspondence after initial filing) | | First Named Inventor | Paul David Doyle | | | | | | |
| | | | Art Unit | 2614 | | | | | |
| | | | Examiner Name | Victor R. Kostak | | | | | |
| Total Number of Pages in This Submission 12 | | | Attorney Docket Number | 80398P540 | | | | | |
| | ENCLOS | SURES (checi | k all that apply) | | | | | | |
| Fee Transmittal Form | | Drawlng(s) | | After Allowance Communication to Group | | | | | |
| Fee Attached | | Licensing-r | elated Papers | Appeal Communication to Board of Appeals and Interferences | | | | | |
| Amendment / Response | endment / Response Petition | | | Appeal Communication to Group (Appeal Nolice, Brief, Reply Brief) | | | | | |
| After Final Affidavits/declara | tion(s) | Petition to C Provisional | Convert a Application | Proprietary Information | | | | | |
| Extension of Time Requ | iest | Power of At Change of | ttorney, Revocation Correspondence Address | Status Letter | | | | | |
| Express Abandonment I | Request | Terminal Di | sdaimer | Other Enclosure(s) (please identify below): | | | | | |
| Information Disclosure S | Statement | Request for | Refund | Facsimile Transmittal Sheet | | | | | |
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| Certified Copy of Priority Document(s) | ′ | | | | | | | | |
| Response to Missing Parts/ Incomplete Application | | Remarks | | | | | | | |
| Basic Filling Fee Declaration/POA | | . | _ | | | | | | |
| Response to Miss Parts under 37 Cl 1.52 or 1.53 | sing FR | | | | | | | | |
| | SIGNATURE | OF APPLICAN | IT, ATTORNEY, OR A | SENT | | | | | |
| | es Henry, R | eg. No. 41,064 | | | | | | | |
| or Individual name BL | AKELY, S | OKØLOFF, T | AYLOR & ZAFM | AN LLP | | | | | |
| Signature | 4 | 1 | | | | | | | |
| Date | vember 5/2 | 004 | | | | | | | |
| | | | ING/TRANSMISSION | | | | | | |
| I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office. | | | | | | | | | |
| Typed or printed name | Pat Sullivan) | | | | | | | | |
| Signature | Na. | t Sull | war 1 | Date November 5, 2004 | | | | | |

Based on PTO/SB/21 (04-04) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 06/04/2004. SEND TO: Commissioner for Patents. P.O. Box 1450, Alexandria, VA 22313-1450

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| EEE TOANGMITTAL | | | L | Complete if Known | | | | | | | |
|---|--|--|--|-------------------------------|-----------------|--------------|-------------|--|---------------------------------|---------------|-------------|
| FEE TRANSMITTAL | | | | Application Number 10/659,447 | | | | | | | |
| for FY 2004 | | | | | | | | | eptember 9, 2 | | |
| Effective 10/01/2004. Patent fees are subject to annual revision. | | | | | | | | Paul David Doyle | | | |
| ☐ App | licant daims sm | all entity status. | See 37 CFR 1.27. | ļ | xaminer | Name | | | ictor R. Kosta | ık | |
| TOTA | | | | ے مہ | urt Unit | 3 l i | 4 NI= | | 514 398P540 | | |
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| Deposit | | | | Fee Code | Fee (\$) | Fee Code | Fee (S) | | Fee Description | | Fee Paid |
| Account Number | | 02-2666 | | 1051 | 130 | 2051 | 65 | Surcharge - late t | filing fee or cath | | |
| Deposit | | | | 1052 | 50 | 2052 | 25 | Surcharge - late cover sheet. | provisional filling fee or | | |
| Account Name | Blakely, Sol | koloff, Taylor | & Zafman LLP | 2053 | 130 | 2053 | 130 | Non-English spec | cification | | <u> </u> |
| | ioner is authorized | to: (check all that app | nty) | 1812 | 2,520 | 1812 | 2,520 | For filing a reques | st for <i>ex parte</i> reexamin | nation , | |
| | ee(s) indicated below | | l any overpayments | 1804 | 920* | 1804 | 920 | Requesting public Examiner action | cation of SIR prior to | | |
| Charge at | ny additional fee(s) or | underpayment of fees | | | 1 0404 | 100- | 1 940 | | cation of SIR char | - | |
| CFR §§ 1 | 16, 1.17, 1.18 and 1. | 20. | | 1805 | 1,840* | 1805 | 1,040 | Requesting public Examiner action | GENOM OF OIL STEEL | | 1 |
| Charge fe | se(s) indicated below, ove-identified deposit | except for the filing t account | | 1251 | 110 | 2251 | 55 | Extension for repl | ly within first month | | |
| | FEE C | ALCULATION | | 1252 | 430 | 2252 | 215 | Extension for repl | ly within second month | | |
| 1. BA | SIC FILING F | ĒĒ | <u>-</u> - | 1253 | 980 | 2253 | 490 | Extension for repl | ly within third month | | |
| Large Entity | Şmall Entity | | | 1254 | 1,530 | 2254 | 765 | Extension for repl | ly within fourth month | | |
| Fee Fe Code (S | | Fee Description | Fee Paid | 1255 | 2,080 | 2255 | 1,040 | Extension for repl | ly within lifth month | | |
| _ | | S Utility filing fee | | 1404 | 340 | 2401 | 170 | Notice of Appeal | | | |
| | 90 2001 395 50 2002 175 | | | 1402 | 340 | 2402 | 170 | Filting a brief in su | pport of an appeal | | |
| | 50 2003 275 | | | 1403 | 300 | 2403 | 150 | Request for crait | hearing | | |
| | 90 2004 395 | | | 1451 | 1,510 | 2451 | 1,510 | Petition to institut | te a public use proceed | ling | |
| 1005 1 | 60 2005 80 |) Provisional filing to | × | 1452 | 110 | 2452 | 55 | Petition to revive | | | |
| | SUI | STOTAL (1) | (\$) | 1453 | 1,370 | 2453 | 685 | Petition to revive | | | |
| | | | | 1501 | 1.370 | 2501 2502 | 685 | Utility issue fee (d Design issue fee | or ressue) | | |
| 2. EX | TRA CLAIM F | | Feefrom below Fee Paid | 1502 1503 | 490 660 | 2502 | 245 330 | Plant issue fee | | | |
| Total Claims | 22 22 | · _ Claims | 18.00 = \$0.00 | 1460 | 130 | 2460 | 130 | Petitions to the C | commissioner | | , |
| Independent | 22 22 | | 88.00 = \$0.00 | 1807 | 50 | 1807 | 50 | | nder 37 CFR 1.17(q) | | |
| Claims Multiple Depen | ٠ ـــــــ | ^ | | 1806 | 180 | 1808 | 180 | = | formation Disclosure St | trnt | |
| Large Entity | I Small Entity | <u>L.</u> | | 8021 | 40 | 8021 | 40 | | patent assignment per | | <u> </u> |
| Fee Fee | | Fee Description | | | | | | property (times no | umber of properties) | | |
| Code (5) | | | | 1809 | 790 | 1809 | 395 | Filing a submissio (37 CFR § 1.129) | en after final rejection a)) | | |
| 1202 18 | | Claims in excess of | | 1810 | 790 | 2810 | 305 | For each additional | | | , |
| 1201 88 | | Independent claims | | 1 1010 | ,55 | 2010 | 383 | examined (37 CF) | | | |
| 1203 300 | | Multiple Dependent : "Reiseue independe | claim, if not paid ant claims over original | 1801 | 790 | 2801 | 395 | Request for Conti | inued Examination (RC | ε) | |
| 1204 88 | B 2204 44 | patent | and seeming or or original | 1802 | 900 | 1802 | 900 | Request for expect of a design application | | | |
| 1206 18 | 3 2205 9 | | excess of 20 and over | . . | ا ٠٠ | | | or a nosiĝu applic | awii | | |
| | • . | original patent | | Other le | e (specify) | | | | | | L |
| | SUE | STOTAL (2) | (\$) 0.00 | *Reduced | by Basic Filing | Fee Peix | d | | SUBTOTAL (3) | (\$) | |
| **or | number previously p | ald, If greater, For Reis | ssues, see below | | , | | | | | | |
| SUBMI | ITED BY | Δĺ | | | | | | | Comp | lete (if appl | icable) |
| Name (Pri | | s Henry | 1 | | egistratio | | 4 | 1,064 | Telephone | (714) 5 | 57-3800 |
| | | | / | I IAI | ion ay my or | , | | -,,- | | | 05/04 |
| Signatur | e / | -AH-1 | · | | | | | | Date | 1 1/ | 03/04 |
| Based on PTO/S | SB/17 (10-03) 45 mod | lified by Blakely, Soloko | off, Taylor & Zafman (wtr) 02/10 kandria, VA 22313-1450 | 0/2004. | | | | | | | |
| SEND TO: Com | missioner for Patente | s, 19.0. Box 1450, Alex | randria, VA 22313-1450 | | | | | | | | |
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| FEE TRANSMITTAL | | | Complete if Known | | | | | |
|---|------------|------------------------------|-------------------------------|--------------|---|------------------|-----------|--|
| | | | Application Number 10/659,447 | | | | | |
| for FY 2004 | | Filing Date Sep | | | September 9, 2 | ptember 9, 2003 | | |
| Effective 10/01/2004. Patent feos are subject to annual revision. | | | | | 1 | | · | |
| Applicant claims small entity status. See 37 CFR 1.27. | | | Name | в | Victor R. Kosta | ık | | |
| | | Art Unit | | | 2614 | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 0 | .00 | Attorney | Docke | t No. | 80398P540 | | | |
| METHOD OF PAYMENT (check all that apply) | | | | | E CALCULATION (continue | ed) | | |
| Check Credit card Money Other None | 3. | ADDITIO | NAL | FEE | S | | | |
| ☑ Deposit Account | La | Large Entity Small Entity | | | | | | |
| | Fe | | Fee Code | Fee (5) | | | Ess Baid | |
| Deposit Account 02-2666 | | | l | | Fee Description | | Fee Paid | |
| Number | 105 | | 2051 | 65 25 | Surcharge - late tiling fee or oath Surcharge - late provisional filing fee or | - | <u> </u> | |
| Account Blakely, Sokoloff, Taylor & Zafman LLP | i | | | | cover sheet. | | | |
| Name Diadely, Solveren, Taylor & Danial 222 | 205 | | 2063 | 130 | • | untion | <u> </u> | |
| The Commissioner is authorized to: (check all that apply) | 181 | | 1812 | 2,520 920 | | addi | | |
| Charge fee(s) indicated below Credit any overpayments | 100 | A PEO | 1004 | 020 | Examiner action | | | |
| Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. | 180 | 5 1,840* | 1805 | 1,840 | * Requesting publication of SIR after | | | |
| Charge fee(s) indicated below, except for the filling fee | | | | | Examiner action | | : | |
| to the above-identified deposit account | 125 | | 2251 | 55 | Extension for reply within first month Extension for reply within second month | | | |
| FEE CALCULATION | 125 | | 2252 | 215 | Extension for reply within third month | | <u> </u> | |
| 1. BASIC FILING FEE | 125 | | 2253 | 490 | Extension for reply within fourth month | | <u> </u> | |
| Large Entity Smell Entity Fee Fee Fee Description Fee Paid | 125 | | 2254 | 765 | Extension for reply within fifth month | | | |
| Code (5) Code (5) | 125 | | 2255 | 1,040 | | | | |
| 1001 790 2001 395 Utility filing fee | 140 | | 2401 | 170 170 | Notice of Appeal Filing a brief in support of an appeal | | · | |
| 1002 350 2002 175 Design filing too | 140 | | 2402 | 150 | Request for oral hearing | | | |
| 1003 550 2003 275 Plant filing fee | 140 | | | 1,510 | Petition to institute a public use proceed | ina | <u> </u> | |
| 1004 790 2004 395 Reissue filing fee | 145 145 | | 2451 2452 | 55 | Petition to revive - unavoidable | | | |
| 1005 160 2005 80 Provisional filing fee | 145 | | 2453 | 986 | Petition to revive - unintentional | | - | |
| SUBTOTAL (1) (\$) | 150 | | 2501 | 685 | Utility issue fee (or reissue) | | | |
| 2. EXTRA CLAIM FEES Extra Fee from | 150 | | 2502 | 245 | Design Issue fee | | | |
| 2. EXTRA CLAIIVIFEES Extra Fee from Claims below Fee Paid | 150 | 3 660 | 2503 | 330 | Plant Issue fee | | | |
| Total Claims 22 22" 0 x 18.00 = \$0.00 | 148 | 0 130 | 2460 | 130 | Petitions to the Commissioner | | | |
| Independent 3 3 3 = 0 x 88.00 = \$0.00 | 180 | 7 50 | 1807 | 50 | Prosessing fee under 37 CFR 1 17(q) | | | |
| Multiple Dependent = | 180 | 6 180 | 1806 | 180 | Submission of Information Disclosure St | mt | | |
| Large Entity Small Entity | 802 | 1 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | | | |
| Fee Fee Fee Fee <u>Fee Description</u> Code (\$) | 180 | 9 790 | 1809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | |
| 1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent chaims in excess of 3 | 181 | 0 790 | 2810 | 395 | For each additional invention to be examined (37 CFR § 1 129(b)) | | | |
| 1203 300 2203 150 Multiple Dependent claim, if not paid | 180 | 1 790 | 2801 | 395 | Request for Continued Examination (RCI | ≞) | | |
| 1204 88 2204 44 **Reissug independent claims over original patent | 180 | | 1802 | 800 | Request for expedited examination | | | |
| 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent | Other | fee (specify) | | | of a design application | | | |
| SUBTOTAL (2) (\$) 0.00 | *Reduc | ed by Basic Filing | Fee Paid | ı | SUBTOTAL (3) | (\$) | | |
| **or number previously paid, if greater, For Reissues, see below | | | | | | | | |
| SUBMITTED BY | | Daniel e | | | Comp | lete (if applica | | |
| Name (Print/Type) James Henry | | Registratio 'Attomey/Ager | | 4 | 1,064 Telephone | (714) 553 | 7-3800 | |
| Signature | | | | | Date | 11/05 | 5/04 | |
| Based on PTO/SB/17 (10-03) as modified () Blakely/Scrokoff, Taylor & Zafman (Wr) 02/10 | 0/2004. | | | | | | | |
| SEND TO: Commissioner for Patents PLO. Box 1950, Alexandria, VA 22313-1450 | | | | | | | | |

Confirmation No. 4896

7145573347

Appl. No. 10/659,447 Amdt. dated 11/05/2004 Reply to Office Action of 08/05/2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/659,447

Paul David Doyl

Applicant Filed

09/09/03

TC/A.U.

2614

Examiner

KOSTAK, VICTOR R

Docket No.

80398P540

Customer No.

8791

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

Response

Sir:

In response to the Office Action of 08/05/2004, please consider the following remarks:

Amendments to the Claims: The claims are not amended.

Remarks/Arguments begin on page 2 of this paper.